

Title (en)  
HAIR CONDITIONING COMPOSITION FOR IMPROVED DEPOSITION

Title (de)  
HAARPFLERGEZUSAMMENSETZUNG ZUR VERBESSERTEN ABSCHIEDUNG

Title (fr)  
COMPOSITION DE CONDITIONNEMENT DE CHEVEUX POUR UN DÉPÔT AMÉLIORÉ

Publication  
**EP 3897541 A1 20211027 (EN)**

Application  
**EP 19813596 A 20191210**

Priority  
• EP 18214094 A 20181219  
• EP 2019084382 W 20191210

Abstract (en)  
[origin: WO2020126660A1] A composition comprising: (i) 0.01 to 10 wt % of a linear, cationic conditioning surfactant; (ii) 0.1 to 10 wt % of a linear fatty material; (iii) a particulate benefit agent selected from conditioning actives, scalp actives, encapsulated fragrance, emulsified fragrance, and mixtures thereof; (iv) 0.01 to 5 wt %, at 100 % active, of a branched cationic co-surfactant, selected from structure 1, structure 2, structure 3 and mixtures thereof wherein: R1, R2, R5 and R6 comprise linear alkyl chains, saturated or unsaturated, with carbon-carbon chain lengths of from C4 to C20, preferably from C6 to C18; R3 and R4 comprise linear or branched alkyl chains, saturated or unsaturated, with carbon-carbon chain lengths of from C6 to C22; preferably from C6 to C12 n and m have a range of from 0 to 10, preferably selected from 0 and 1; p has a range of from 1 to 6, preferably selected from 1 and 2; R7 comprises an alkyl chain having a carbon-carbon chain length of from C1 to C4, preferably C1 to C2; R8 comprises a proton or an alkyl chain having a carbon-carbon chain length of from C1 to C4, preferably C1 to C2; and X is an organic or inorganic anion; wherein the molar ratios of branched cationic co-surfactants (iv) to linear cationic surfactants (i) are in the range of from 1:20 to 1:1. results in improved particulate benefit agent deposition onto hair.

IPC 8 full level  
**A61K 8/34** (2006.01); **A61K 8/37** (2006.01); **A61K 8/41** (2006.01); **A61K 8/42** (2006.01); **A61K 8/892** (2006.01); **A61K 8/898** (2006.01); **A61Q 5/12** (2006.01)

CPC (source: EP US)  
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